

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

Listing of Claims:

1. ~~(Currently Amended)~~ In a computer system that supports one or more software applications each having one or more configuration settings which determine how a software application operates on data processed by the software application, and wherein the operational behavior of the one or more software applications and which the configuration settings of a software application are subject to change over time in order to change how the data may be operated upon by the software application, a method of reverting a current configuration setting for an software application to a previous configuration setting so that the software application will be capable of operating on data in the same manner as it did with the previous configuration settings that were used by the application software, the method comprising acts of:

~~receiving~~ based upon a request from a user or a selection from the software application,
generating changes to the software application's configuration settings-information to be used in
reverting to the previous configuration setting;

updating a configuration store by storing therein the changed application configuration settings of the software application configuration-information to maintain a history of one or more configuration setting changes for the software application;

generating a package that uniquely identifies the contents of the package and the changes to the software application's configuration settings so that the package can be later recalled and used when reverting the configuration settings of the software application back to a state that existed prior to the changes in the configuration settings;

storing the package in a software application configuration log;

retrieving the stored package when it is desired to revert the configuration settings of the software application back to a state that existed prior to the changes in the configuration settings so that the software application will be capable of operating on data in the same manner as it did with the previous configuration settings that were used by the application software; and

~~displaying a representation of the application configuration information within one or more user interfaces for viewing and selecting the application configuration information;~~

~~retrieving the application configuration information; and~~

using the contents of the package and the changes to the configuration settings of the software application uniquely identified by the package to revert the configuration settings back to those that existed prior to the changes identified by the package so the software application will thereafter be capable of operating on data in the same manner as it did prior to such changes~~calling a reversion routine and passing at least a portion of the application configuration information to the routine for reverting to the application's previous configuration setting.~~

2. (Currently Amended) The method of claims 1 or 24, wherein using the contents of the package to revert the configuration settings comprises calling a reversion routine and passing at least a portion of the contents of the package to the routine, and wherein the routine displays a link that gives user instructions on procedural steps to perform in order to revert to the previous configuration setting.

3. (Currently Amended) The method of claims 1 or 24, wherein the routine automatically reverts to the application's previous configuration setting.

4. (Currently Amended) The method of claims 1 or 24, wherein the reversion which occurs when using the contents of the package to revert the configuration settings back to the application's previous configuration setting is one of an undo, redo or rollback operation.

5. (Currently Amended) The method of claim 12, wherein the package's application configuration information is XML data comprising a header portion and an application portion, wherein the header portion comprises data used in the displaying a representation of the application configuration information, and wherein the application portion comprises data that is passed to the routine for reverting to the application's previous configuration setting.

6. (Original) The method of claim 5, wherein the header data used in the displaying a representation of the application configuration information is selected from at least one of a title, application name, date or time.

7. (Original) The method of claim 5, wherein the header portion further comprises the reversion routine called.

8. (Original) The method of claim 5, wherein the header portion further comprises a pointer to the reversion routine called.

9. (Currently Amended) The method of claims 1 or 24, wherein the reversion routine calls one or more other routines for reverting to the application's previous configuration setting.

10. ~~(Currently Amended)~~ The method of claims 1 or 24, wherein using the contents of the package to revert the configuration settings back to those that existed prior to the changes identified by the package comprises displaying a representation of the application configuration information within one or more user interfaces for viewing and selection, and wherein at least one of the one or more user interfaces is a browser.

11. ~~(Cancelled)~~

12. ~~(Cancelled)~~

13. ~~(Cancelled)~~

14. ~~(Cancelled)~~

15. ~~(Cancelled)~~

16. ~~(Cancelled)~~

17. ~~(Cancelled)~~

18. ~~(Cancelled)~~

19. ~~(Cancelled)~~

20. (Cancelled)

21. (Cancelled)

22. (Cancelled)

23. (Cancelled)

24. (Currently Amended) In a computer system that supports one or more software applications each having one or more configuration settings which determine how a software application operates on data processed by the software application, and wherein the operational behavior of the one or more software applications and which the configuration settings of a software application are subject to change over time in order to change how the data may be operated upon by the software application, a tangible computer readable media for providing storage within the computer system of ~~carrying~~ computer executable instructions that implement a method of reverting a current configuration setting for an software application to a previous configuration setting so that the software application will be capable of operating on data in the same manner as it did with the previous configuration settings that were used by the application software, the method comprising acts of:

~~receiving~~ based upon a request from a user or a selection from the software application,
generating changes to the software application's configuration settings information to be used in
reverting to the previous configuration setting;

updating a configuration store by storing therein the changed application configuration settings of the software application ~~configuration information~~ to maintain a history of one or more configuration setting changes for the software application;

generating a package that uniquely identifies the contents of the package and the changes to the software application's configuration settings so that the package can be later recalled and used when reverting the configuration settings of the software application back to a state that existed prior to the changes in the configuration settings;

storing the package in a software application configuration log;

retrieving the stored package when it is desired to revert the configuration settings of the software application back to a state that existed prior to the changes in the configuration settings so that the software application will be capable of operating on data in the same manner as it did with the previous configuration settings that were used by the application software; and

~~displaying a representation of the application configuration information within one or more user interfaces for viewing and selecting the application configuration information;~~

~~retrieving the application configuration information; and~~

using the contents of the package and the changes to the configuration settings of the software application uniquely identified by the package to revert the configuration settings back to those that existed prior to the changes identified by the package so the software application will thereafter be capable of operating on data in the same manner as it did prior to such changes
~~calling a reversion routine and passing at least a portion of the application configuration information to the routine for reverting to the application's previous configuration setting.~~

25. (Cancelled)

26. (Cancelled)

27. (Cancelled)

28. (Cancelled)

29. (Cancelled)

30. (Cancelled)

31. (Cancelled)

32. (Cancelled)

33. (Cancelled)

34. (Cancelled)

35. (Cancelled)

36. (Cancelled)

37. (Cancelled)

38. (Cancelled)

39. (Cancelled)

40. (Cancelled)

41. (Cancelled)

42. (Currently Amended) In a computer system that supports one or more software applications each having one or more configuration settings which determine how a software application operates on data processed by the software application, and wherein the operational behavior of the one or more software applications and which the configuration settings of a software application are subject to change over time in order to change how the data may be operated upon by the software application, a method of reverting a current configuration setting for an software application to a previous configuration setting so that the software application will be capable of operating on data in the same manner as it did with the previous configuration settings that were used by the application software, the method comprising acts of:

~~receiving a package of information, wherein the package is to be used in reverting to the previous configuration setting;~~

~~storing the package of information for subsequent retrieval and for maintaining a history of one or more configuration setting changes for the application;~~

~~receiving a request from the application for the package of information when reverting to the application's previous configuration setting; and~~

~~retrieving and sending the package of information to the application for processing when reverting to the previous configuration setting.~~

based upon a request from a user or a selection from the software application, generating changes to the software application's configuration settings;

updating a configuration store by storing therein the changed application configuration settings of the software application to maintain a history of one or more configuration setting changes for the software application;

generating a package that uniquely identifies the contents of the package and the changes to the software application's configuration settings so that the package can be later recalled and used when reverting the configuration settings of the software application back to a state that existed prior to the changes in the configuration settings, the package comprising,

a header portion including at least one of a title of the changes made, a name of the application software, the date and the time of the configuration changes, and

an application payload portion containing data used in assisting in reverting the software application to its previous configuration setting prior to the changes;

storing the package in a software application configuration log which comprises,

a log store used for storing the package, and
a UI log used to for storing a browser for displaying the information contained in
the header portion of the package so that a history of configuration changes may be
viewed and changes of interest may be selected to use in reverting the software
application to at least some of the prior configuration settings that existed prior to the
changes reflected in the package;
retrieving the stored package when it is desired to revert at least some of the
configuration settings of the software application back to a state that existed prior to the changes
in the configuration settings so that the software application will be capable of operating on data
in the same manner as it did with the at least some previous configuration settings that were used
by the application software;
viewing the header portion of the package and selecting from the history of configuration
changes therein at least some changes to be reverted; and
using the contents of the package and the application payload portion thereof to revert at
least the selected changes of the configuration settings back to those that existed prior to the
changes so the software application will thereafter be capable of operating on data in the same
manner as it did prior to such changes.

43. (Currently Amended) The method of claims 42 or 52, wherein the package of information is XML data comprising a header portion and an application portion, wherein the header portion comprises data used in displaying a representation of the application configuration information, and wherein the application portion comprises data that is passed to a reversion routine for reverting to the application's previous configuration setting.

44. (Cancelled)

45. (Currently Amended) The method of claim 43, wherein the header portion further comprises ~~thea call to a reversion routine-called.~~

46. (Currently Amended) The method of claim 43, wherein the header portion further comprises a pointer to ~~the~~ a reversion routine ~~called~~.

47. (Currently Amended) The method of claim 435, wherein the reversion routine calls one or more other routines for reverting to the application's previous configuration setting.

48. (Currently Amended) The method of claim 435, wherein the reversion routine displays a link that gives user instructions on procedural steps to perform in order to revert to the previous configuration setting.

49. (Currently Amended) The method of claim 435, wherein the reversion routine automatically reverts to the application's previous configuration setting.

50. (Currently Amended) The method of claim 43, wherein the reversion which occurs when using the contents of the package to revert the configuration settings back to the application's previous configuration setting is one of an undo, redo or rollback operation.

51. (New) In a computer system that supports one or more software applications each having one or more configuration settings which determine how a software application operates on data processed by the software application, and wherein the configuration settings of a software application are subject to change over time in order to change how the data may be operated upon by the software application, a tangible computer readable media for providing storage within the computer system of computer executable instructions that implement a method of reverting a current configuration setting for a software application to a previous configuration setting so that the software application will be capable of operating on data in the same manner as it did with the previous configuration settings that were used by the application software, the method comprising acts of:

- based upon a request from a user or a selection from the software application, generating changes to the software application's configuration settings;

- updating a configuration store by storing therein the changed application configuration settings of the software application to maintain a history of one or more configuration setting changes for the software application;

- generating a package that uniquely identifies the contents of the package and the changes to the software application's configuration settings so that the package can be later recalled and used when reverting the configuration settings of the software application back to a state that existed prior to the changes in the configuration settings, the package comprising,

 - a header portion including at least one of a title of the changes made, a name of the application software, the date and the time of the configuration changes, and

 - an application payload portion containing data used in assisting in reverting the software application to its previous configuration setting prior to the changes;

- storing the package in a software application configuration log which comprises,

 - a log store used for storing the package, and

 - a UI log used to for storing a browser for displaying the information contained in the header portion of the package so that a history of configuration changes may be viewed and changes of interest may be selected to use in reverting the software

application to at least some of the prior configuration settings that existed prior to the changes reflected in the package;

retrieving the stored package when it is desired to revert at least some of the configuration settings of the software application back to a state that existed prior to the changes in the configuration settings so that the software application will be capable of operating on data in the same manner as it did with the at least some previous configuration settings that were used by the application software;

viewing the header portion of the package and selecting from the history of configuration changes therein at least some changes to be reverted; and

using the contents of the package and the application payload portion thereof to revert at least the selected changes of the configuration settings back to those that existed prior to the changes so the software application will thereafter be capable of operating on data in the same manner as it did prior to such changes.